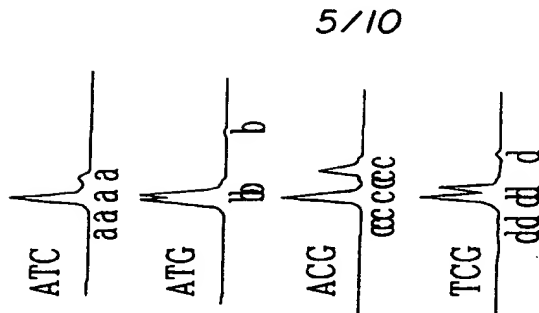


dNTPs

Expected base extension

ATC	Primer → T CAXX	3
ATG	Primer → T X-XX	1
ACG	Primer → X-X	0
TCG	Primer → T CX--X	2
WT	-----A GTCCACATCCT----- (SEQ ID NO:16)	
ATC	Primer → X X	0
ATG	Primer → G XX	1
ACG	Primer → G CAGGX-X	5
TCG	Primer → G CX--X	2
MU	-----C GTCCACATCCT----- (SEQ ID NO:17)	



T00T20" T00222/50

T00T20" T00222/50

100T20 100T20

3' **XTCATACTAXTCCAT**GAGTATCTTTAGACACCTGTATTTCG 5' L63 + PRIMER (1) (SEQ ID NO:18)
5' AGACAGTATGATCAGGTACTCATAGAAATCTGTGGACATAAAGC 3' PRO63L(G)-R (SEQ ID NO:19)

X

3' GAGTATCTTTAGACACCTGTATTTCG 5' L63P + PRIMER (2) (SEQ ID NO:20)
5' AGACAGTATGATCAGGTACCCATAGAAATCTGTGGACATAAAGC 3' PRO63L(G)-R (SEQ ID NO:21)

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3' **XTCATACTAXTCCAT**GGGTATCTTTAGACACCTGTATTTCG 5' L63P + PRIMER (3) (SEQ ID NO:22)
5' AGACAGTATGATCAGGTACCCATAGAAATCTGTGGACATAAAGC 3' PRO63P(G)-R (SEQ ID NO:21)

X

3' GGGTATCTTTAGACACCTGTATTTCG 5' L63 + PRIMER (4) (SEQ ID NO:23)
5' AGACAGTATGATCAGGTACTCATAGAAATCTGTGGACATAAAGC 3' PRO63P(G)-R (SEQ ID NO:19)

FILE - 5A

PRIMER-SPECIFIC AND MISPAIR EXTENSION
ASSAY FOR IDENTIFYING GENE VARIATION

Yu-Wen Hu
Serial No. 09/782,361
Filed February 13, 2001

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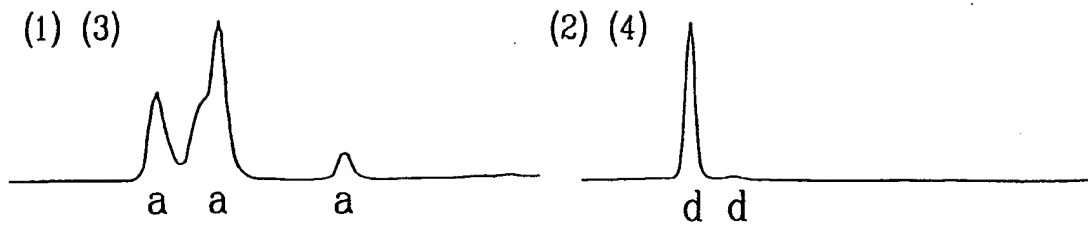


FIG. 6B

3' XXAGACTTCTGAGTCTAACCAACGTGAAATTTA 5' PRO90L-R (1) (SEQ ID NO:24)
5' --AATCTGAAGACTCAGATTGGTTGCACCTTTAAAT---3' L90 (SEQ ID NO:25)

X

3' TTCTGAGTCTAACCAACGTGAAATTTA 5' PRO90L-R (2) (SEQ ID NO:26)
5' --AATCTGATGACTCAGATTGGTTGCACCTTTAAAT---3' L90M (SEQ ID NO:27)

5' CTGTCAACATAATTGGAAGAAATCTGATGACGCAGAXX 3' PRO90M-F (3) (SEQ ID NO:28) 8/10
3' --GACAGTTGTATTAAACCTTCTTTAGACTACTGCGTCTAA---5' L90M (SEQ ID NO:29)

X

5' CTGTCAACATAATTGGAAGAAATCTGAT 3' PRO90M-F (4) (SEQ ID NO:30)
3' --GACAGTTGTATTAAACCTTCTTTAGACAACCTGAGTCTAA---5' L90 (SEQ ID NO:31)

PRIMER-SPECIFIC AND MISPAIR EXTENSION
ASSAY FOR IDENTIFYING GENE VARIATION

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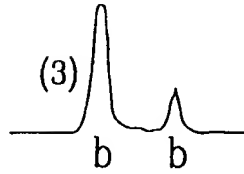
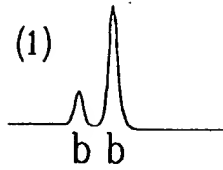
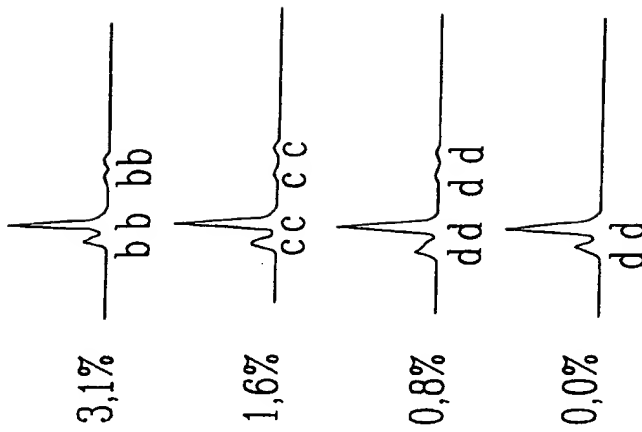


FIG. 7B

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[illegible]

	→ T	<u>AGTTGTATTAA</u> XX	(SEQ ID NO:32)
MU	-----	A	TCAACATAATTGGAAGA (SEQ ID NO:33)
	→ X		
WT	-----	G	-----

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